
Plexin A2 Rabbit pAb

Catalog Number: bs-3638R

Target Protein: Plexin A2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500),
ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 205 kDa

Entrez Gene: 5362

Swiss Prot: O75051

Source: KLH conjugated synthetic peptide derived from human Plexin A2: 1251-1400/1894.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Plexin A2 is a coreceptor for SEMA3A and is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. This coreceptor plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin in which the plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.